Title (en)
REDUCING PERCEIVED EFFECTS OF NON-VOICE DATA IN DIGITAL SPEECH

Title (de)
VERRINGERUNG WAHRGENOMMENER EFFEKTE VON NICHTSPRACHDATEN IN DIGITALER SPRACHE

Title (fr)
RÉDUCTION DES EFFETS PERÇUS DE DONNÉES NON VOCALES DANS LES SIGNAUX VOCAUX NUMÉRIQUES

Publication
EP 4377956 A1 20240605 (EN)

Application
EP 22850484 A 20220727

Priority
• US 202117387412 A 20210728
• US 2022074176 W 20220727

Abstract (en)
[origin: WO2023010028A1] Non-voice data is embedded in a voice bit stream that includes frames of voice bits by selecting a frame of voice bits to carry the non-voice data, placing non-voice identifier bits in a first portion of the voice bits in the selected frame, and placing the non-voice data in a second portion of the voice bits in the selected frame. The non-voice identifier bits are employed to reduce a perceived effect of the non-voice data on audible speech produced from the voice bit stream.

IPC 8 full level
G10L 19/018 (2013.01); **H04H 20/28** (2008.01); **H04M 11/06** (2006.01)

CPC (source: EP US)
G10L 15/24 (2013.01 - US); **G10L 19/005** (2013.01 - EP US); **G10L 19/02** (2013.01 - EP); **G10L 19/0208** (2013.01 - US);
G10L 25/18 (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023010028 A1 20230202; CA 3227804 A1 20230202; EP 4377956 A1 20240605; US 11990144 B2 20240521;
US 2023043682 A1 20230209

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US 2022074176 W 20220727; CA 3227804 A 20220727; EP 22850484 A 20220727; US 202117387412 A 20210728